

★HITA

P75

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Ink jet recording device with timing controlling - has abnormality protection circuit which suspends action of drive motor when detection signal of standard mark sensor does not change for more than predetermined time

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The device has a conveyance part or drive roller (3), that conveys the object over which printing is to be performed. A printing head (10) is installed opposite the conveyance direction of the object. An encoder (11) generates the electric pulse signal in synchronisation with the migration of the object or conveyance appts. A standard mark sensor (16) detects the standard mark on the object and outputs a mark detection signal. Based on the detection signal, printing start time is sought. A printing control circuit generates the ink particle adhering to the object and prints a dot in synchronisation with the clock signal based on the electric pulse signal output from the encoder. An abnormality protection circuit (13) suspends the action of a drive motor (6) when the mark detection signal does not change for more than a predetermined period.

ADVANTAGE - Prevents abnormality in printing. (7pp Dwg.No.1/4)

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